Consider the Language L of Strings of **length two or more**, defined over $\Sigma = \{a, b\}$, **beginning with and ending in same letters.**

The language L may be expressed by the following regular expression

$$a (a + b)^* a + b (a + b)^* b$$

It is to be noted that if the condition on the length of string is not imposed in the above language then the strings a and b will then belong to the language.

Consider the Language L of Strings , defined over $\Sigma = \{a, b\}$, beginning with and ending in different letters.

The language L may be expressed by the following regular expression

$$a (a + b)^* b + b (a + b)^* a$$

Consider the Language L of strings , defined over $\Sigma = \{a, b\}$, containing double a.

The language L may be expressed by the following regular expression

$$(a+b)^*(aa)(a+b)^*$$
.

Consider the language L of strings, defined over $\Sigma = \{0, 1\}$, having double 0's or double 1's, The language L may be expressed by the regular expression

$$(0+1)^*(00+11)(0+1)^*$$

Consider the language L of strings, defined over $\Sigma = \{a, b\}$, having triple a's or triple b's. The language L may be expressed by RE

$$(a+b)^*$$
 (aaa + bbb) $(a+b)^*$

Consider the **EVEN-EVEN** language, defined over Σ ={a, b}. As discussed earlier that **EVEN-EVEN** language can be expressed by the regular expression